



Intelligent digital conference system

User Manual

TS-0623

TS-0623A

**Before using the system, please read this manual
carefully**

NOTE:

This manual only as an instructions for user, not for service purposes. From the date of issue, if the function or technical parameters change later, another supplementary instruction will be added, the details can be inquired to the manufacturers.

This manual is a product manufacturer Copyright, unauthorized and any entity or individual shall not take part or all the contents as commercial purposes.

This manual used for intelligent digital conference system.



SAFETY OPERATIONAL GUIDANCE

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In order to make sure the correct operation and safety using, please comply with the following conditions when installation, operating and maintenance.

- 1) Make sure the connection of the ground wire is well enough when installation.
Do not use two-core plug. And make sure the input voltage of power supply is as same as the one marked on the main controller.
- 2) Do not open the cover of the unit without permission especially the high-voltage components marked with AC 100V to 240V, or there is risk of shock.
- 3) Do not put the unit in extremely cold or hot place.
- 4) The unit will be heating when working. Please keep environment ventilation to avoid overheating.
- 5) Please power off the unit in wet weather or not in use.
- 6) Please disconnect the AC power wiring from the AC power supply before the below operations:
 - A. Remove or re-assembly any parts of the unit.
 - B. Disconnect or re-connect any plug of the unit or other connection
- 7) Non professionals without permission, please do not attempt to open the enclosure, do not repair, in order to avoid the accident or exacerbation of equipment damage degree.
- 8) Don't take any corrosive chemical powders or liquids spilled in the equipment or in the vicinity of.

1. Intelligent digital conference system overview

About ITC Intelligent Digital Conference System

- ◆ Intelligent Digital Conference System, following up high-tech professional product line of multimedia products and audio&video matrix control products, which include a discussion, simultaneous interpretation, infrared voice allocation, teleconference, voting, camera tracking system.
- ◆ Adhering to the philosophy that advocated a comprehensive system integration solutions can do DCS (Digital Conference System) + MCS (Multimedia central control system) tightly compatible between two different systems , formed a comprehensive product solutions for smart meeting system.
- ◆ This manual is applicable to smart meeting system control computer, speech unit, camera tracking systems and teleconferencing systems.

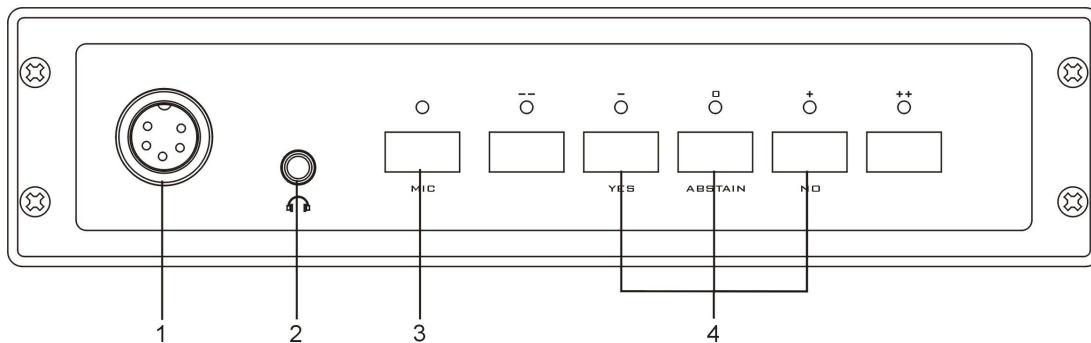
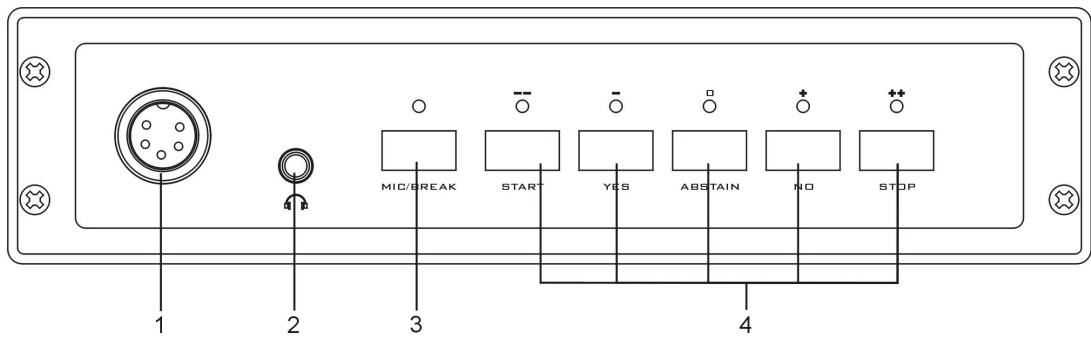
2. DCS control system

2.1 Functions

Embedded unit with a new design, including conference voting, conference election, conference evaluation and other functions, supporting PC software control to achieve high-tech conference.

- ◆ Using a dedicated 8-pin high-density aviation connector.
- ◆ Cardioid condenser microphone with speech and apply dual-colored indicator ,speak in red and apply in green.
- ◆ Adopt screw fixed goose neck microphone.
- ◆ With earphone jack.
- ◆ Chairman unit with highest priority to control and management the whole system.
- ◆ Comes with 2M connection cable.
- ◆ The unit is a passive device, and directly powered by DC 24V from the controller.
- ◆ Chairman unit could be connected to anywhere of the system.
- ◆ "Hand in Hand" or "T-type" connection mode.

2.2 TS-0623,TS-0623A features



- 1) Microphone jack.
- 2) Earphone jack.
- 3) MIC—Microphone switch. The chairman unit with highest priority, press this button 3 seconds at any time to cancel permission of speech of delegate units.
- 4) The multifunctional voting buttons:
 - meeting vote, the number 2, 3, 4 represents agree, abandon, against.
 - election meeting, digital 1-5 represent different candidate.
 - assessment of the meeting, digital 1-5 represent level - -, -, 0, +, + +.

NOTICE:

long as the chairman unit of digital key "1" 3 seconds to initiate a vote, issued a "beep" prompt tone; into the voting, voting for the last valid, speech unit has a memory function, can record the last button, the result of the vote through the indicator shows; long as the chairman unit of digital key "5" 3 a second issue a "beep beep" prompt tone, vote, and then long press "5" key to return to the conference mode.

◆ The priority function

Shielding -- long press chairman unit of digital key "4" 3 seconds of temporary shielding all speaking unit, the initial state is restored.

Shutdown -- long press chairman unit microphone key for 3 seconds, issued a "beep" prompt tone, close all representative unit.

◆ Pre sign-in

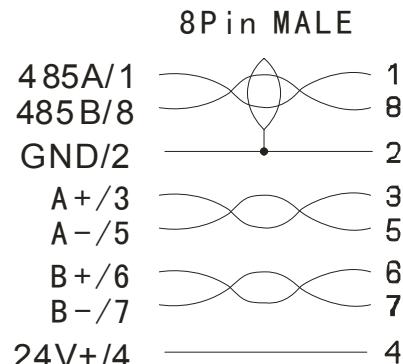
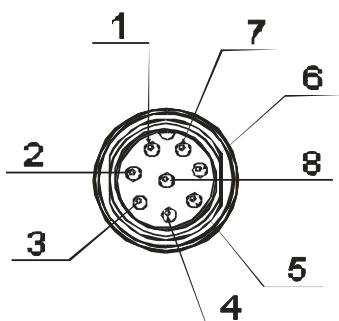
Press chairman unit number key "2" 3 seconds to initiate attendance, issued a "beep" tone, enter attendance patterns.

Press the numeric key "3" or "microphone switch" key sign. When here when one of the key, the key indicator light two keys, another key will be invalid.

Press chairman unit number key "5" 3 seconds, issued a "beep" tone, exit sign mode.

NOTICE:

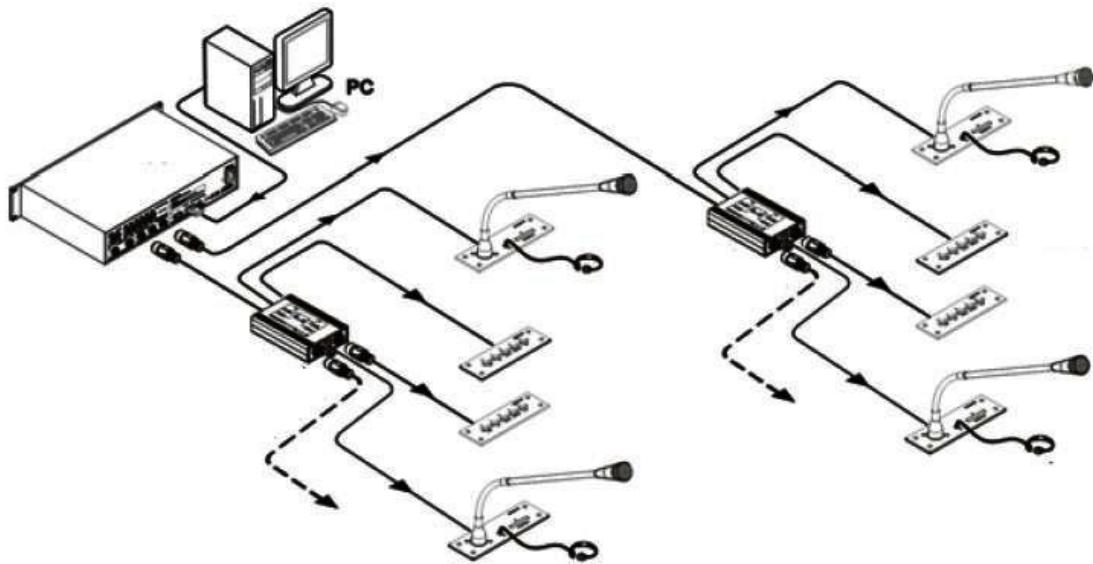
8 core air interface pins function



3. Connection example

Follow the list below to configure the system, the basic equipments and connecting lines are as follows:

| | |
|------------------------------------|---------|
| A. PC computer | 1 set |
| B. Conference system host TS-0604M | 1 set |
| C. Embedded unit TS-0626/TS-0626A | 2 sets |
| D. Embedded unit TS-0623/0623A | 2 sets |
| E. 2M cable | 2 lines |



After finishing connection, Open the conference host:

3.1. carry ID settings:

Open the host, move the SETID switch to be ON, you can set the ID , then press the MIC/BRESK key on TS-0623/TS-0623A, the light on microphone flash and become red, indicating the ID is set successfully , then press MIC / BRESK key for next unit to set.....after setting completed , move the SETID switch to be OFF, all lights on the microphone is off , ID setting is finished.

3.2 Pre sign-in

1) sign-in from Software: Open PC software, click the sign-in control , enter into the sign-in control interface , select the sign-in mode in the right side (sign-in 1), click Click to start into the projection screen interface, press the F2 key, move the cursor to the bottom left and appear the shortcut control menu , select the option to sign-in (Figure 1) , meanwhile the microphone red light and the START indicator light on the TS-0623/TS-0623A starts flashing, when pressed two keys (microphone button or START), when one of the key is light on, the other key will not work , you can see the projection data is changing, click to end the sign-in and complete.

2) sign-in from devices: (only Chairman unit, namely the model suffix without A 's): Press the "YES" button on chairman unit for 3 seconds to enter into sign-in mode. Press the button "START" or" microphone switch" key to start sign-in. When press one of two keys, when one is light on, the other key will not work, press "STOP" key for 3 seconds to exit.

3.3 Voting

1) Vote from Software : select the the motion mode, then choose the voting option (Figure 2) and click the voting start , the indicators YES, ABSTAIN, NO is flashing , press one of them , the data from the projector is changing to display the final results after the last press , then click voting ending .

2) Vote from device ((only Chairman unit, namely the model suffix without A 's)): Press the "START" button on chairman unit for 3 seconds, enter into voting mode, the chairman unit can memory the last voting as the final. The voting result can display on the indicator. Press "STOP" key for 3 seconds to stop voting, then another 3 seconds to exit and return the discussion mode.

3.4 Conference voting

Select motion mode, then select voting mode, click " start vote" (Figure 3) , the five button indicator lights of the TS-0623/TS-0623A blink, press one of them, the data on the projector would change, the result come up with the last press, click " finish voting" to finish.

3.5 Conference evaluate

Select motion mode, then select "rating" and click "start", the five button indicator lights of the TS-0625 blink, press one of them (Figure 4), the data on the projector would change, the result come up with the last press, click " finish voting" to finish.

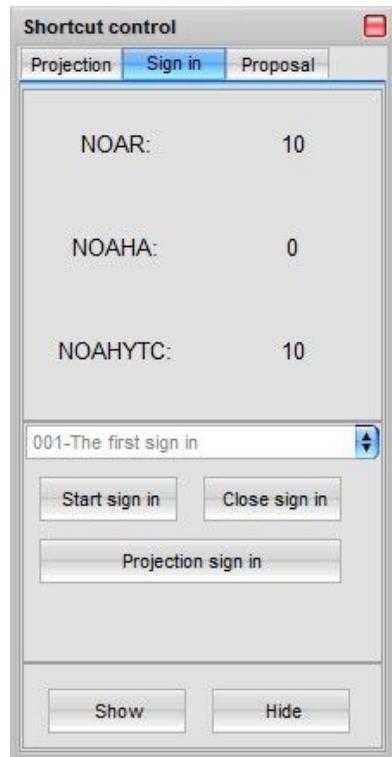


Figure 1

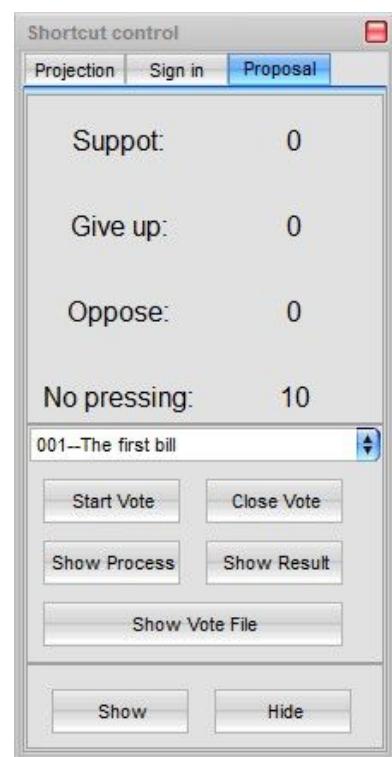


Figure 2

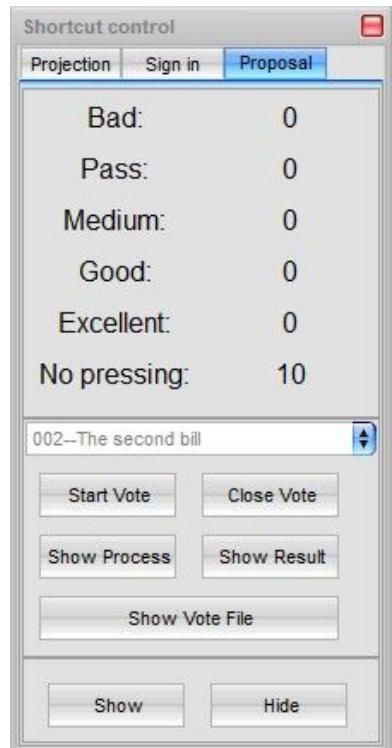


Figure 3

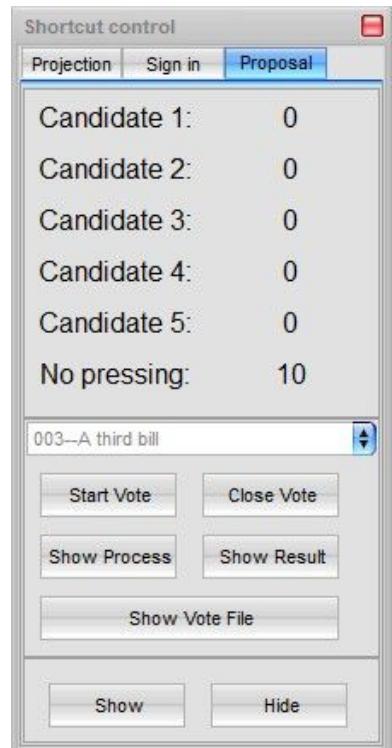


Figure 4

4. Specification

| Models | Parameters |
|--|---|
| TS-0623 high-integrate digital embedded chairman unit | Frequency response: 60HZ-16KHZ Sensitivity: -42dB±2dB Distance: 5-30cm Install way: embedded Mic rod length: 41.5/48cm/65cm Panel Size: 220 * 45 * 3mm (L * W * H) |
| TS-0623A high-integrate digital embedded delegate unit | Power supply: DC24V (Powered by controller) Interface: 8-core plug Color: Black |